

ATTACHMENT TO
LER 77-031/01X-1
BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION
DOCKET NO. 50-293

Description

During the 1977 refueling outage, implementation of a plant design change was completed which provided for re-routing the CRD return line from the reactor vessel to the RCIC pump discharge. The return line was valved open to allow CRD system return flow. This modification was implemented to eliminate the potential for thermal cracking of the CRD return line nozzle. This problem had previously been identified in General Electric Service Information Letter, SIL No. 200.

In November 1977, GE issued Supplement No. 2 to SIL No. 200 recommending that BWR's in which the CRD return line had been re-routed, operate the system with the re-routed return line valve closed, to reduce the risk of thermal fatigue cracking in the weld which joins the return line to the RCIC system. The SIL also recommended the complete removal of the CRD return line once it had been verified that CRD make-up capability (flow to the reactor vessel through the CRD seals) would be satisfactory. Removal of the CRD return line was completed in February 1982 via a plant design change.

BOSTON EDISON COMPANY
800 BOYLSTON STREET
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON
SENIOR VICE PRESIDENT
NUCLEAR

December 13, 1984

BECo Ltr. #84- 210

Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

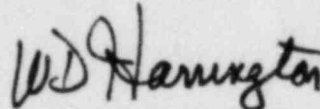
Docket Number 50-293
License DPR-35

Dear Sir:

The attached update Licensee Event Report 77-031/01X-1, "CRD Return Line Nozzle," is hereby submitted in accordance with the previous requirements of Pilgrim Nuclear Power Station Technical Specification 6.9.B.1.c.

If there are any questions on this subject, please do not hesitate to contact me.

Respectfully submitted,



W. D. Harrington

PH:caw

Enclosure: LER 77-031/01X-1

cc: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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